

March 2006 Shutdown Week 14

“Violating the second law of thermodynamics”

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Fermilab

6/1/06

Status

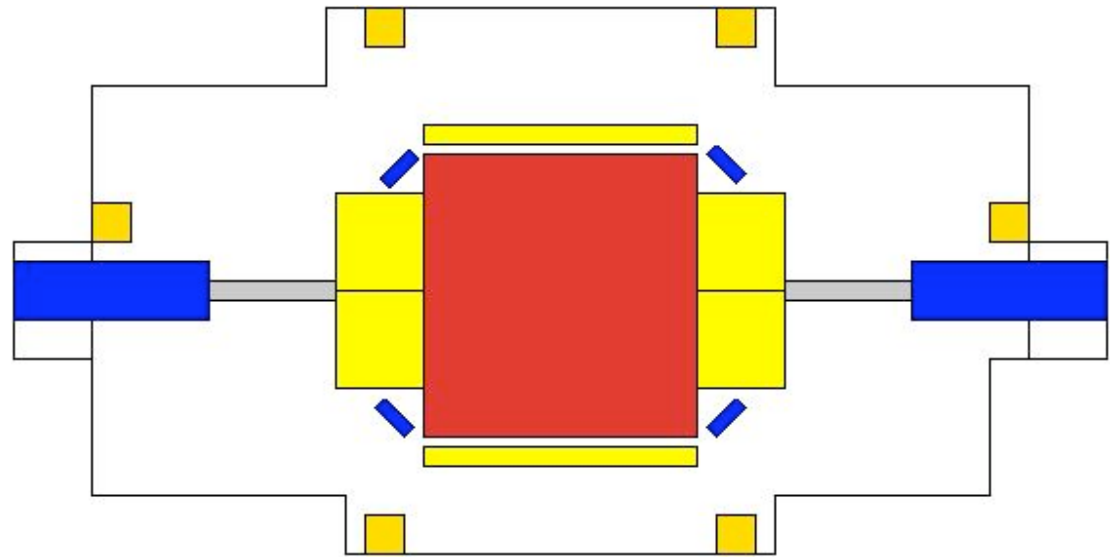
Detector Status:

- Detector closed
- Chambers on flammable gas
- Readout full detector

Shutdown phase complete

Re-commissioning phase started

Hall Configuration



Requests for detector/trigger/DAQ is coordinated through daily 8am meetings.

Last Week

Rebuilding the Detector

Shutdown Activities:

- Plug re-inserted Tuesday (5/30)
- Detector closed
- Solenoid Powered
- cleanup work on detector
- Collision hall on controlled access only

Most of the detector is working well

Cosmic ray runs very successful (following slides)

1st beam in Tevatron today

Cosmic Ray commissioning limited

Commissioning Activities Priorities:

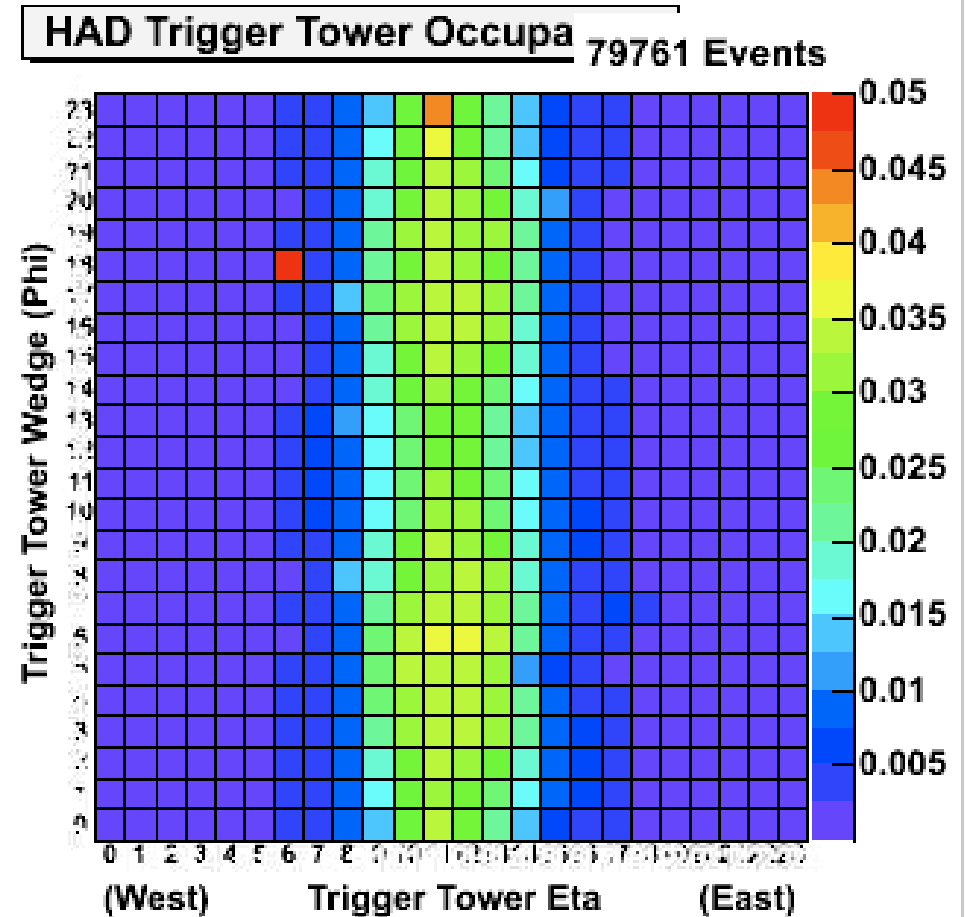
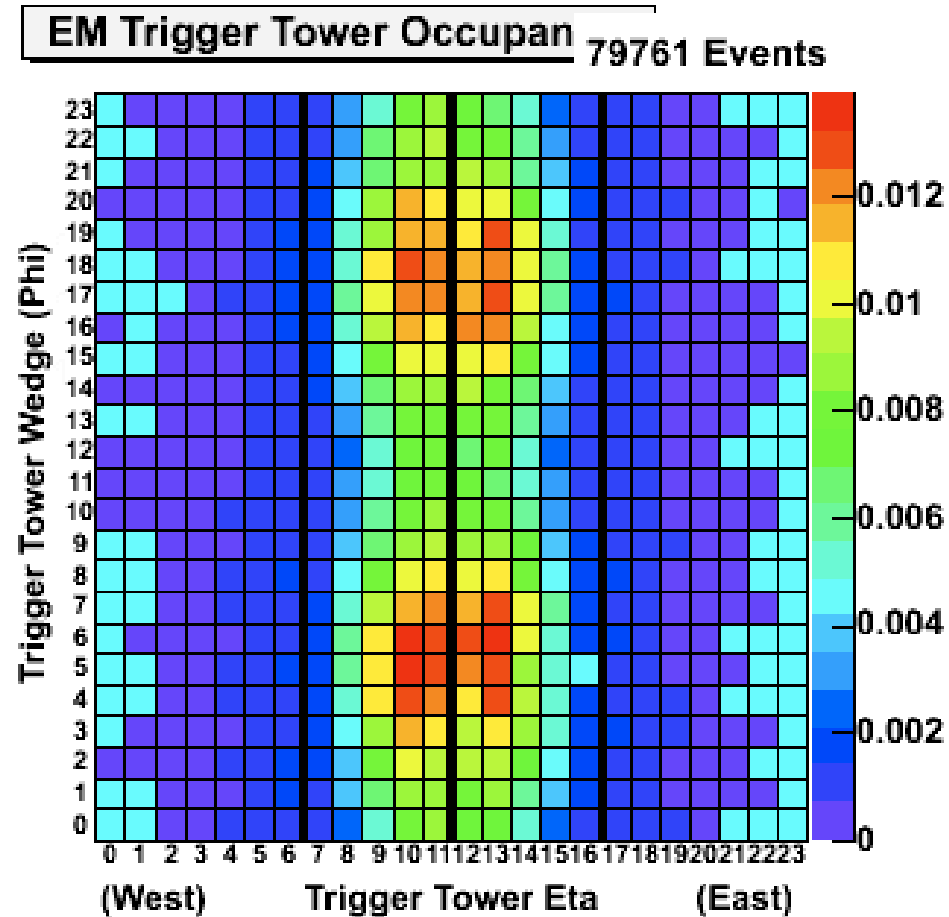
1. Commissioning DAQ/Trigger
2. Fixing Detector problems when access permits

Important Dates

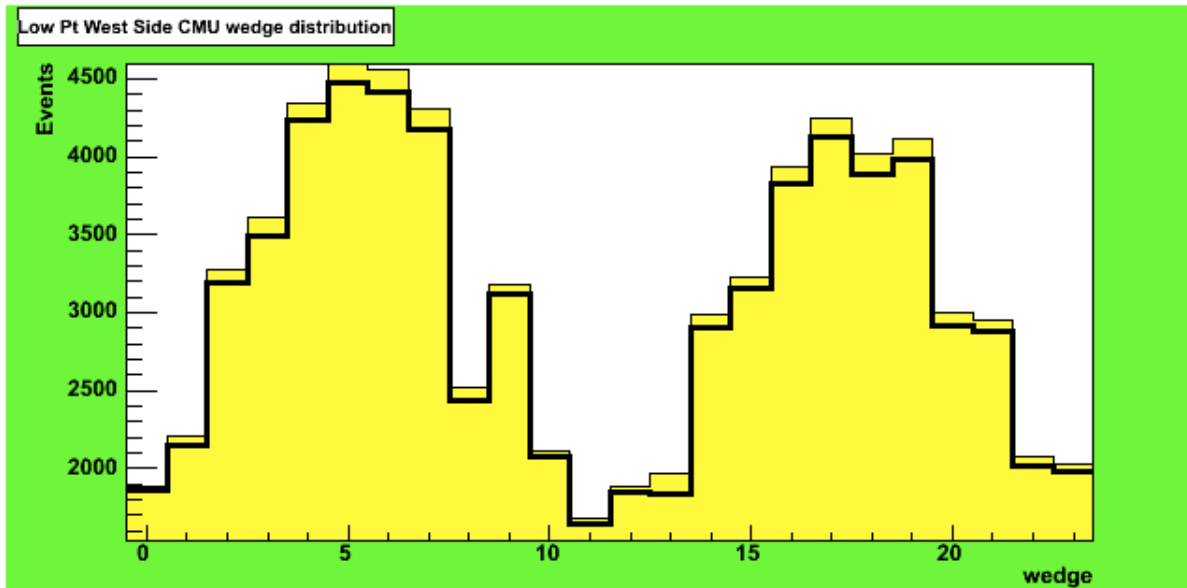
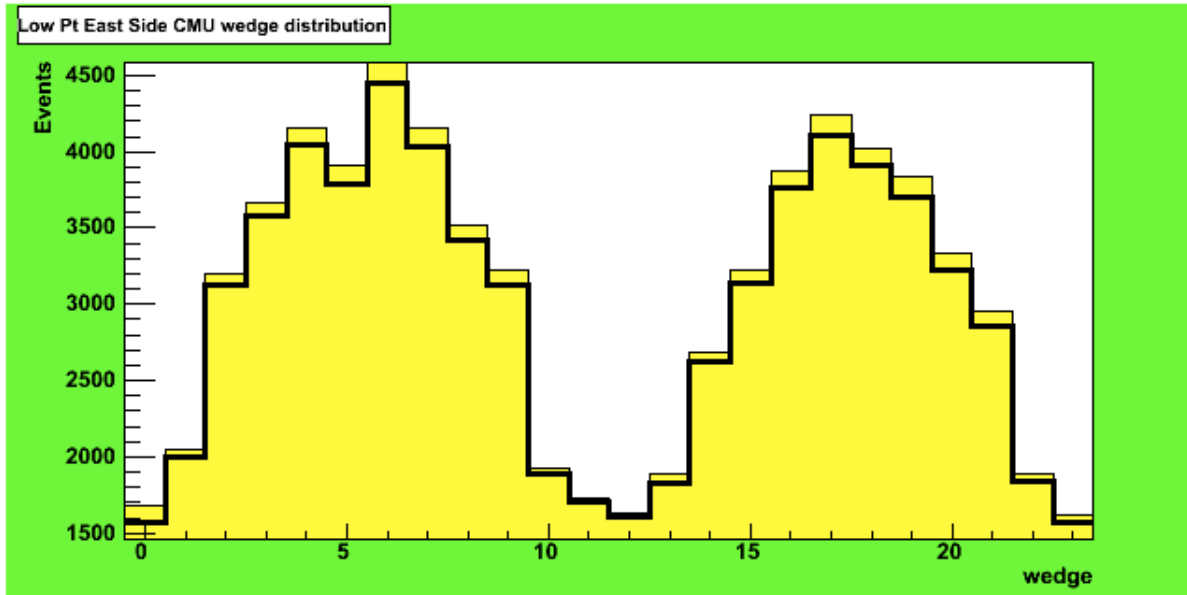
Date	
2/27	Shutdown begins
3/1 - 4/6	No Hardware Event Builder
3/7	Open all steel, full detector access
3/15	Chambers off flammable gas
3/20 - 3/23	Hilman roller replacement (NW IMU steel)
3/18	8 hour power outage to B0 and trailers
4/3	1/2 hour site wide power outage
4/5 - 4/21	Solenoid bore access
4/25	Begin re-commissioning CDF
5/1	1/2 hour site wide power outage (?)
5/18	Flammable gas to chambers
5/22 - 5/23	Hillman roller replacement (SW IMU steel)
5/25	Restrict access to collision hall (muon system/fixes)
5/19 - 6/2	Cosmic rays, Calibration and debugging
5/25	Tevatron Cold
6/2	24 hr shift coverage/Tev startup
6/16	Collisions resume

Shutdown details: <http://ncdf67.fnal.gov/~tesarek/shutdown06>

Detector Status: Calorimeters



Detector Status: CMU



System Status (Cosmics)

System	Status	Comment
Silicon	Ready	OK
COT	Ready	OK
TOF	Ready	1 noisy channel
Solenoid	Ready	OK
Calorimeters	Ready	few warm PMTs/towers
SMX	Ready	CES 2 noisy wires
Muon	Noise work	BMU noisy stack
CLC	Ready	Power supply work
Miniplug	Ready	OK

Thanks to a lot of hard work by many people.

Summary

Most of CDF is functioning well

1st beam in TeV today

1st collisions expected in 2 weeks.

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